

COURSE OUTLINE

(1) GENERAL

SCHOOL	HEALTH & CARE SCIENCES		
ACADEMIC UNIT	BIOMEDICAL SCIENCES		
DIVISION	OPTICS AND OPTOMETRY		
LEVEL OF STUDIES	UNDERGRADUATE		
COURSE CODE	4021	SEMESTER	4 th
COURSE TITLE	EYE DISEASES		
INDEPENDENT TEACHING ACTIVITIES <i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits</i>		WEEKLY TEACHING HOURS	CREDITS
Lectures		3	4
<i>Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).</i>			
COURSE TYPE <i>general background, special background, specialised general knowledge, skills development</i>	CSC - Compulsory Specialization Courses		
PREREQUISITE COURSES:	None		
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	GREEK		
IS THE COURSE OFFERED TO ERASMUS STUDENTS	NO		
COURSE WEBSITE (URL)			

(2) LEARNING OUTCOMES

<p>Learning outcomes <i>The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described. Consult Appendix A</i></p> <ul style="list-style-type: none"> • <i>Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</i> • <i>Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</i> • <i>Guidelines for writing Learning Outcomes</i>
<p>Upon successful completion of the course the student will be able:</p> <ul style="list-style-type: none"> • to understand basic concepts of ophthalmology. • be familiar with ocular pathology and medical scientific thought. • be familiar with eye pathology topics and facts for understanding scientific research methods in objects related to the eye.

General Competences

Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does the course aim?

Search for, analysis and synthesis of data and information,
with the use of the necessary technology
Adapting to new situations
Decision-making
Working independently
Team work
Working in an international environment
Working in an interdisciplinary environment
Production of new research ideas

Project planning and management
Respect for difference and multiculturalism
Respect for the natural environment
Showing social, professional and ethical responsibility and sensitivity to gender issues
Criticism and self-criticism
Production of free, creative and inductive thinking
.....
Others...
.....

Working independently
Team work.

(3) SYLLABUS

- Eyelids, eyelid position abnormalities, irritations and infections, parasites, injuries, signs and symptoms of eyelid pathology, Treatment
- Bulb, Tissues, Cysts, Irritations and Infections, Injuries, Signs and Symptoms of Bulb Disease, Treatment
- Tear system, signs and symptoms, Treatment. Tear drainage system, signs and symptoms, Treatment.
- Conjunctival irritations and infections, signs and symptoms, Treatment. Abnormalities, neoplasms, Treatment.
- Cornea, irritations and infections, injuries, signs and symptoms, Treatment.
- Keratoconus, malformations, Treatment.
- Iris and pupil, irritations and infections, injuries, stumps, signs and symptoms, malformations, Treatment

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY <i>Face-to-face, Distance learning, etc.</i>	Face-to-face	
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY <i>Use of ICT in teaching, laboratory education, communication with students</i>	Use of Open E-Class in teaching	
<p style="text-align: center;">TEACHING METHODS</p> <p><i>The manner and methods of teaching are described in detail.</i></p> <p><i>Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.</i></p> <p><i>The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the ECTS</i></p>	Activity	Semester workload
	Lectures	39
	Study and analysis of bibliography, tutorials	51
	Course total	90
<p>STUDENT PERFORMANCE EVALUATION</p> <p><i>Description of the evaluation procedure</i></p> <p><i>Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other</i></p> <p><i>Specifically-defined evaluation criteria are given, and if and where they are accessible to students.</i></p>	I. Written final exam (100%)	

(5) ATTACHED BIBLIOGRAPHY

<ul style="list-style-type: none"> - <i>Suggested bibliography:</i> - GREEK <ol style="list-style-type: none"> 1. Κλινική Οφθαλμολογία J Kanski – Παρισιανού, 2004 2. Οφθαλμολογία M Batterbury, B Bowling, Παρισιανού, 2003 3. Επίτομη Οφθαλμολογία Γ. Θεοδοσιάδης, Λίτσας, 1996 - Foreign <ol style="list-style-type: none"> 4. Ophthalmology – Frank W. Newell. – St. Louis : Mosby, 1996 5. Ophthalmology – Wybar, Kenneth Cullen, Kerr Muir, Philadelphia : Baillière Tindall, 1984 6. The Wills eye manual- office and emergency room diagnosis and treatment of eye disease. – Philadelphia : Lippincott, 1994 7. An atlas of ophthalmic trauma – An atlas of ophthalmic trauma / Thomas C. Spoor. – St. Louis : Mosby ; London : Martin Dunitz, 1997 8. Principles and practice of ophthalmology – Daniel M. Albert, Frederick A. Jakobiec. – Philadelphia : Saunders, 1994 9. Retina and vitreous – Jan L. Federman ... [et al.]. – London ; St. Louis : Mosby-Year Book, 1994

10. *General ophthalmology* – Daniel Vaughan, Taylor Asbury, Paul Riordan-Eva ; illustrated by Laurel V. Schaubert. – Norwalk, Conn. : Appleton & Lange, 1995